

**AMENDMENT TRANSMITTAL LETTER (Large Entity)**Applicant(s): **KELLER et al**

Docket No.

**S&B-B750**

Serial No.

**09/235,153**

Filing Date

**22 JAN 99**

Examiner

**Einsmann**

Group Art Unit

**1655**Invention: **METHODS AND COMPOSITIONS FOR MODIFYING LEVELS OF SECONDARY METABOLIC COMPOUNDS IN PLANTS**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**RECEIVED**  
MAR 21 2002  
TECH CENTER 1600/2900

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	49 -	33 =	16 x	\$18.00	\$288.00
INDEP. CLAIMS	5 -	7 =	0 x	\$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>					\$280.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$568.00

- ☐ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_  
A duplicate copy of this sheet is enclosed.
- ☒ A credit card payment form in the amount of \$568.00 is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **12-2174**  
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

  
SignatureDated: **18 March 2002**

**George A. Loud, Reg. No. 25,814**  
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I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

CC:

19/B  
AF/NE  
E. Williams  
3-22-02

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keller, et al.  
Appl. No. : 09/235,153  
Filed: : January 22, 1999  
Title : Methods and Compositions for Modifying Levels of  
Secondary Metabolic Compounds in Plants  
Grp./A.U. : 1655  
Examiner : J. Einsmann  
Docket No. : SB-B750



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Honorable Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO FINAL ACTION AND AMENDMENT  
PURSUANT TO 37 CFR §1.116**

Sir:

In response to the Final Office Action mailed January 16, 2002, please amend the above-identified application as follows, without prejudice or disclaimer.

**In the Claims**

Please rewrite claim 34 as follows:

34. (Once amended) A method for altering a nutritional profile of a plant, comprising the steps of:

B<sup>1</sup>  
selecting a nucleic acid sequence for its ability to encode a protein capable of modifying the utilization of a substrate in a secondary metabolic pathway associated with a nutritional profile of a plant, said protein being non-native to said secondary metabolic pathway;

transforming a plant cell of said plant with an expression cassette comprising said nucleic acid sequence, said plant being of a type used as an animal feed, with the proviso that said plant is not rice or *Arabidopsis*; and

03/20/2002 AWONDAF1 00000145 09235153

01 FC:103  
02 FC:104

288.00 OP  
280.00 OP